

# Work Order ID 86684

**\*86684\***

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July-06-12 11:24:43 AM

Item ID: D3031-1 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Loop  
 Start Date: 7/06/12 Start Qty: 10.00 **\*10\*** Cust Item ID:  
 Required Date: 8/03/12 Req'd Qty: 10.00 **\*10\*** Customer:  
 Reference:

Approvals: Process Plan:                      Date: 1207-9 Tooling:                      Date:                      Run Start **\*NR1\***  
 QC:                      Date:                      SPC (Y/N):                      Date:                      Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3031	Rev A								

100 PURCHASING 0.00  
**\*100\***  
 Purchasing Memo 0.00  
 Purchasing Issue P/O: 17395 Possible supplier: -Thomas Hardware P/N  
 TH73 - Austin Hardware P/N 6411G-Description: Footman  
 Loop-All dimensions are in inches-Tolerances are per Dart QSI 018 unless  
 otherwise notedMaterial release note  
CL 12/07/10 (10)

110 Receive & Inspect for Damage & Mat'l Certs 0.00  
**\*110\***  
 Packaging Memo 0.00  
 Packaging ✓ Ensure Material Release Note is attached  
12/7/18 (10)

120 QC6- Inspect dimensions to drawing 0.00  
**\*120\***  
 QC Memo 0.00  
 Quality Control  
DAS 15 9-83 12/07/18 (10)

# Work Order ID 86684

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Item ID: D3031-1

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Stop

\*NS2\*

Item Name: Loop

Start Date: 7/06/12

Start Qty: 10.00

\*10\*

Cust Item ID:

Required Date: 8/03/12

Req'd Qty: 10.00

\*10\*

Customer:

Reference:

Run Start

\*NR1\*

Approvals:

Process Plan:

Date:

Tooling:

Date:

Stop

\*NR2\*

QC:

Date:

SPC (Y/N):

Date:

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

0.00

\*130\*

Powdercoat

Powder Coating

Memo

START TIME:

FINISH TIME:

OVEN TEMPERATURE:

0.00

140

QC3- Inspect Part Finish

0.00

\*140\*

QC

Quality Control

Memo

0.00

150

Identify as per dwg & Stock Location: ST 026

0.00

\*150\*

Packaging

Packaging

Memo

0.00

10 X 10 12/07/19

10 12/27/19

10 12/07/20 JB

M121279

3200 F

11:15

11:45

**Work Order ID 86684**

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**\*86684\***

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Item ID: D3031-1

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Loop

Start Date: 7/06/12

Start Qty: 10.00

**\*10\***

Cust Item ID:

Required Date: 8/03/12

Req'd Qty: 10.00

**\*10\***

Customer:

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start **\*NR1\***

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

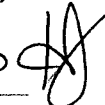
**\*160\***

QC

Memo

0.00

Quality Control

12/7/23 ME  
12-07-20

# Picklist Print

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Work Order ID: 86684

Parent Item: D3031-1

Parent Item Name: Loop

Start Date: 7/06/12

Required Date: 8/03/12

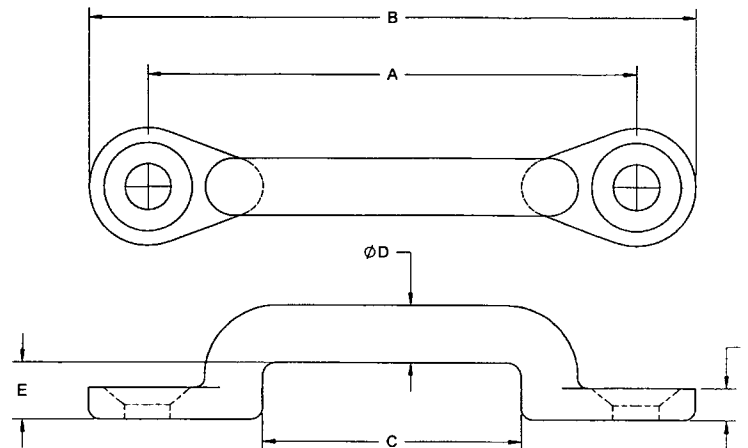
Start Qty: 10.00

Required Qty: 10.00

Comments: IPP A01.05.30New IssueEC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
6411G LOOP		Purchased	No			100	Each	0.0000	1	10		7/12/12	

# SPECIFICATION CONTROL DRAWING



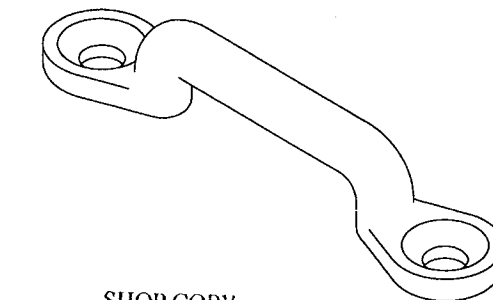
**D3031-X LOOP**

DART P/N	A	B	C	ØD	E	F	FINISH	WEIGHT	SUPPLIER	SUPPLIER P/N
D3031-1	3.13	3.64	2.09	0.25	0.31	0.16	POWDER COAT GREY (4.3.5.6) PER DART QSI 005 4.3	0.06 LBS	THOMAS HARDWARE	TH73
D3031-3	2.13	2.64	1.12	0.25	0.25	0.14	NONE	0.04 LBS	AUSTIN HARDWARE	6411G
									AUSTIN HARDWARE	AH 6411-B

**B**

## NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: SEE TABLE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: SEE TABLE



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 84689

*pl/2-07-9*

**RELEASED**  
*09/05/09*

B	ADD D3031-3 (88-1); UPDATE FORMAT TO CURRENT STANDARD	PH	09.04.14
A	NEW ISSUE	CP	01.05.18
REV.	DESCRIPTION	BY	DATE
DESIGN	CP	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PH	DRAWING NO.	REV. B
CHECKED	A	D3031	SHEET 1 OF 1
MFG. APPR.	N/A	TITLE	SCALE
APPROVED	<i>[Signature]</i>	LOOP	NTS
DE APPR.	<i>[Signature]</i>	DATE 09.04.14	
<small>COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO17395

Purchase Order Date 7/10/12

PO Print Date 7/10/12

Page Number 1 of 1

Order From :

VU-ROY001

VISA  
PAYMENT CENTRE, PO BOX 4016, STAT. A  
TORONTO,

Contact Name  
Vendor Phone  
Vendor Fax  
Vendor Account Nbr

Buyer  
Requisition Nbr  
Tax Resale Nbr  
Terms  
Currency  
FOB  
Chantal Lavoie  
10127-2607  
COD  
USD  
Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
6926710

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	6411G	LOOP	7/13/12 Yes	10.00 Each	FedEx PI collect	\$1.5980	\$15.98

Special Inst: AS PER DWG D3031 REV. B  
B86684

PO Total: \$15.98

**CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY**

PO Instructions: AUSTIN HARDWARE  
VISA ACCT; 4514 0310 0909 0347 EXP DATE: 11/13

Change Nbr: 1

Change Date: 7/10/12

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required - YES NO

# Packing List

## Ship From:

AUSTIN HARDWARE  
1001 ROCKLAND ST.  
-----  
READING, PA 19604

## Bill To:

DART AEROSPACE LTD  
1270 ABERDEEN ST  
-----  
HAWKSBURY, ON K6A 1K7

Assigned: RVargas

Mst:

3667734

Order Number:

5139463

Account: 10235

Customer PO:

17395

Order Date: 07/16/12

Entered By: MSCROGHAM

Released By:

MSCROGHAM

Terms:

Credit Card

## Ship To:

CHANTAL LAVOIE  
DART AEROSPACE  
1270 ABERDEEN STT  
-----  
HAWKSBURY, ON K6A 1K7

Ship Via: FEDEX Ground 15179324-0

Part Number	Description	Weight	UOM	Ordered	Shipped
AH 6411-G-ZN	FOOTMAN LOOP	0.647	EA	10	10



601

DAS  
16  
9-89

17/07/19



California | Georgia | Idaho | Indiana | Missouri | Pennsylvania | Texas | Wisconsin

[www.austinhardware.com](http://www.austinhardware.com)

## Certificate of Conformance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog

Bill H. Stambaugh Executive Vice President